

**AMENDMENT TO THE CLAIMS:****Claims pending**

- At time of the Action: Claims 13, 29, 45 and 49-53.
- After this Response: Claims 13, 29, 45 and 49.

**Canceled or Withdrawn claims:** 50-53.**Amended claims:** Claims 13, 29, and 45.**New claims:** None.

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Claims 1-12 (canceled)**

**Claim 13 (currently amended):** A method for encoding a motion video signal, the method comprising:

comparing first and second frames of the motion video signal to one another to determine a[[n]] current absolute pixel difference between the first and second frames;

determining, based at least in part on ~~the absolute pixel difference~~ comparing the current absolute pixel difference to a filtered previous absolute pixel difference, whether the second frame represents a scene change in a motion

1 video image represented by the motion video image;

2 encoding the second frame as an independent frame upon a condition in  
3 which the second frame represents the scene change in the motion video image;  
4 and

5 encoding the second frame as a motion-compensated frame upon a  
6 condition in which the second frame does not represent the scene change in the  
7 motion video image.  
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10 Claims 14-28 (canceled)

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12 Claim 29 (currently amended): A computer readable medium useful in  
13 association with a computer which includes a processor and a memory, the  
14 computer readable medium including computer instructions which are configured  
15 to cause the computer to encode a motion video signal by performing the steps of:

16 comparing first and second frames of the motion video signal to one another  
17 to determine a[[n]] current absolute pixel difference between the first and second  
18 frames;  
19

20 determining, based at least in part on ~~the absolute pixel difference~~  
21 comparing the current absolute pixel difference to a filtered previous absolute  
22 pixel difference, whether the second ~~frame~~ frame represents a scene change in a  
23 motion video image represented by the motion video image;  
24  
25

1 encoding the second frame as an independent frame upon a condition in  
2 which the second frame represents the scene change in the motion video image;

3 and

4 encoding the second frame as a motion-compensated frame upon a  
5 condition in which the second frame does not represent the scene change in the  
6 motion video image.

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9 Claims 30-44 (canceled)

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11 Claim 45 (currently amended): A computer system comprising:

12 a processor;

13 a memory operatively coupled to the processor; and

14 a motion video signal encoder which executes in the processor from the  
15 memory and which, when executed by the processor, causes the computer system  
16 to encode a motion video signal by performing the steps of:

17  
18 comparing first and second frames of the motion video signal to one  
19 another to determine a[[n]] current absolute pixel difference between the  
20 first and second frames;

21  
22 determining, based at least in part on ~~the absolute pixel difference~~  
23 comparing the current absolute pixel difference to a filtered previous  
24 absolute pixel difference, whether the second frame represents a scene  
25

change in a motion video image represented by the motion video image;

encoding the second frame as an independent frame upon a condition in which the second frame represents the scene change in the motion video image; and

encoding the second frame as a motion-compensated frame upon a condition in which the second frame does not represent the scene change in the motion video image.

Claims 46-48 (canceled)

Claim 49 (previously presented): A computer readable medium comprising instructions which, when executed by a computer, performs the method of Claim 13.

Claim 50-53 (cancelled).